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In case of consideration for using Automotive equipment / device which demand high reliability, kindly contact our sales window correspondents.

	COUNT	DESCRIPTION OF REVISIONS	BY	CHKD	DATE		COUNT	DESCRIPTION OF REVISIONS	BY	CHKD	DATE
APPLICABLE STANDARD											
RATING	OPERATING TEMPERATURE RANGE		-55℃ TO +85℃(note1)			STORAGE TEMPERATURE RANGE		-10℃ TO +60℃			
	VOLTAGE		30 V AC/DC			APPLICABLE CONNECTOR		BM23FR0.6-40DP-0.35V(**)			
	CURRENT		0.3A								
SPECIFICATIONS											
ITEM		TEST METHOD				REQUIREMENTS			QT	AT	
CONSTRUCTION											
GENERAL EXAMINATION		CONFIRMED VISUALLY AND BY MEASURING INSTRUMENT.				ACCORDING TO DRAWING.			X	X	
MARKING		CONFIRMED VISUALLY.							X	X	
ELECTRICAL CHARACTERISTICS											
CONTACT RESISTANCE		20mV AC OR LESS 1kHz, 1mA				100mΩ MAX			X	-	
INSULATION RESISTANCE		100V DC				50MΩ MIN			X	-	
VOLTAGE PROOF		100V AC FOR 1min.				NO FLASHOVER OR BREAKDOWN			X	-	
MECHANICAL CHARACTERISTICS											
MECHANICAL OPERATION		10 TIMES INSERTIONS AND EXTRACTIONS.				① CONTACT RESISTANCE: 100mΩ MAX ② NO DAMAGE, CRACK OR LOOSENESS OF PATRS.			X	-	
VIBRATION		FREQUENCY 10 TO 55 TO 10 Hz, APPROX 5min SINGLE AMPLITUDE 0.75mm, 10CYCLES, FOR 3 DIRECTIONS.				① NO ELECTRICAL DISCONTINUITY OF 1μs. ② NO DAMAGE, CRACK OR LOOSENESS OF PARTS.			X	-	
SHOCK		490 m/s² DURATION OF PULSE 11ms AT 3 TIMES FOR 3 DIRECTIONS.				① NO ELECTRICAL DISCONTINUITY OF 1μs. ② NO DAMAGE, CRACK OR LOOSENESS OF PARTS.			X	-	
ENVIRONMENTAL CHARACTERISTICS											
RAPID CHANGE OF TEMPERATURE		TEMPERATURE -55 → +85℃ TIME 30 → 30 min UNDER 5 CYCLES. (RELOCATION TIME TO CHAMBER: WITHIN2~3 MIN)				① CONTACT RESISTANCE: 100mΩ MAX ② INSULATION RESISTANCE: 50MΩ MIN ③ NO DAMAGE, CRACK OR LOOSENESS OF PARTS.			X	-	
DAMP HEAT (STEADY STATE)		EXPOSED AT 40±2℃, 90 TO 95%, 96h.				① CONTACT RESISTANCE: 100mΩ MAX ② INSULATION RESISTANCE: 25MΩ MIN ③ NO DAMAGE, CRACK OR LOOSENESS OF PARTS.			X	-	
SULPHUR DIOXIDE		EXPOSED IN 25 PPM FOR 96h, 25℃, 75±5%RH. (Test standard : JIS C 60068)				① CONTACT RESISTANCE: 100mΩ MAX			X	-	
DRAWING FOR REFERENCE This is subject to change without notice											
REMARKS Note 1 ; INCLUDE THE TEMPERATURE RISING BY CURRENT.					DRAWN S.H.JUNG 17.05.08	DESIGNED S.H.JUNG 17.05.08	CHECKED H.W.JO 17.05.08	APPROVED T.S.KANG 17.05.08	RELEASED ENG 17.05.08 DEPT		
Unless otherwise specified, refer to JIS C 5402 and IEC 60512											
Note QT: QUALIFICATION TEST AT: ASSURANCE TEST X: APPLICABLE TEST											
HIROSE KOREA CO.,LTD.			SPECIFICATION SHEET			PART NO. BM23FR0.6-40DS-0.35V(895)					
CODE NO.(OLD) CL		DRAWING NO. SLC4-632177			CODE NO. CL 6644-0083-1-895					1 1	